

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072123AL\  
 Data File : FC064202.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Jul 2023 09:25  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jul 22 01:54:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.514 | 3715645    | 19.137 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.27%       |
| 12) S 1-chlorooctadecane (S... | 12.950 | 2674101    | 19.220 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.44%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 3306140    | 18.537 ug/ml |
| 2) T n-Decane (C10)            | 4.365  | 3368620    | 18.616 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 3431839    | 18.398 ug/ml |
| 4) T n-Dodecane (C12)          | 6.377  | 3357771    | 18.639 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.001  | 3215433    | 18.271 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.168  | 3267094    | 18.886 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 3306974    | 19.037 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 3314625    | 19.232 ug/ml |
| 10) T n-Eicosane (C20)         | 12.507 | 3136076    | 19.211 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.118 | 3058441    | 19.089 ug/ml |
| 13) T n-Docosane (C22)         | 13.703 | 3034704    | 19.313 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.801 | 3000470    | 19.036 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.820 | 2963314    | 19.613 ug/ml |
| 16) T n-Octacosane (C28)       | 16.767 | 2970552    | 19.714 ug/ml |
| 17) T n-Tricontane (C30)       | 17.650 | 3164960    | 20.272 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.480 | 3219290    | 20.378 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.262 | 3101177    | 20.153 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.997 | 2945288    | 19.949 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.720 | 2885019    | 19.477 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.606 | 2824630    | 19.379 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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